

===== WPI =====

TI - Corrosion resistant copper alloy - contains zinc, nickel, silicon and phosphorus together with iron and/or lead

AB - J59118842 Alloy contains Zn 25-40 wt.%, P 0.005-0.070 wt.%, Ni 0.05-2.0 wt.%, and Si 0.005-1.0 wt.%, and additionally contains Fe 0.005-1.0 wt.% and/or Pb 0.005-0.3 wt.%, the total of Fe and/or Pb being 0.01-1.3 wt.%, and the balance being Cu and impurities.

- Pref. the alloy is subjected to 3-20% cold-rolling, after final annealing and the crystal grain size is regulated to 0.015 mm or less, in the final annealing.

- USE/ADVANTAGE - Corrosion resistance, weld-cracking resistance and solderability are good. Esp. applicable to materials for heat-exchanger, e.g. car radiator. (0/2)

PN - JP59118842 A 19840709 DW198433 006pp

PR - JP19820226671 19821227

PA - (NIHA) NIPPON MINING CO

MC - M26-B03 M26-B03J M26-B03N M26-B03P M26-B03S M26-B03Z

DC - M26

IC - C22C9/04

AN - 1984-205053 [33]

===== PAJ =====

TI - COPPER ALLOY WITH SUPERIOR CORROSION RESISTANCE

AB - PURPOSE: To manufacture a thin brass plate with superior corrosion resistance by hot rolling and cold rolling brass contg. specified amounts of P, Ni, Si, Fe and Pb, regulating the grain size of the resulting plate by final annealing, and cold rolling the plate at a specified draft.

- CONSTITUTION: A brass ingot contg. 25-40% Zn, 0.005-0.070% P, 0.05-2.0% Ni and 0.005-1.0% Si or further contg. 0.005-1.3% in total of 0.005-1.0% Fe and/or 0.005-0.3% Pb is hot rolled, and it is cold rolled while suitably carrying out annealing. The grain size of the resulting plate is regulated to ≤ 0.015 mm. by final annealing, and the plate is further cold rolled at 3-20% draft. The brass itself has superior corrosion resistance, and the weld zone has also superior corrosion resistance, so the thin brass plate is suitable for use as a material for the radiator of a heat exchanger.

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PD - 1984-07-09

ABD - 19841030

ABV - 008236

AP - JP19820226671 19821227

GR - C249

PA - NIPPON KOGYO KK

IN - KAWAUCHI SUSUMU; others: 04

I - C22C9/04